

Portable, Encrypted, and Card-Free; Multi-cam workflows with RED Connect + Pro Data

Unlike bulky server setups or card-based workflows, RED Connect + Pro Data allows real-time RAW capture straight from camera to secure, RAID-6-protected storage. No manual offloads, no wasted hours ingesting footage. It's a portable and ideal option that simplifies broadcast, production, and accelerates post.

For multi-cam shoots—live events, virtual production, or studio setups—RED Connect lets you bypass camera cards and record 8K, 6K, or 4K RED R3D RAW footage directly to iodyne Pro Data. This secure, high-speed solution eliminates the card ingest process, cuts dependence on massive server infrastructure, and keeps your original camera files (OCFs) instantly encrypted and editable.



Ingest-Free Workflow

Record multiple cameras directly to one storage device. No card swaps or ingest steps required.



High-Performance & Scalable

Sustain up to 8x 8K, 14x 6K, or 30x 4K MQ RAW feeds. No dropped frames, even on long takes.



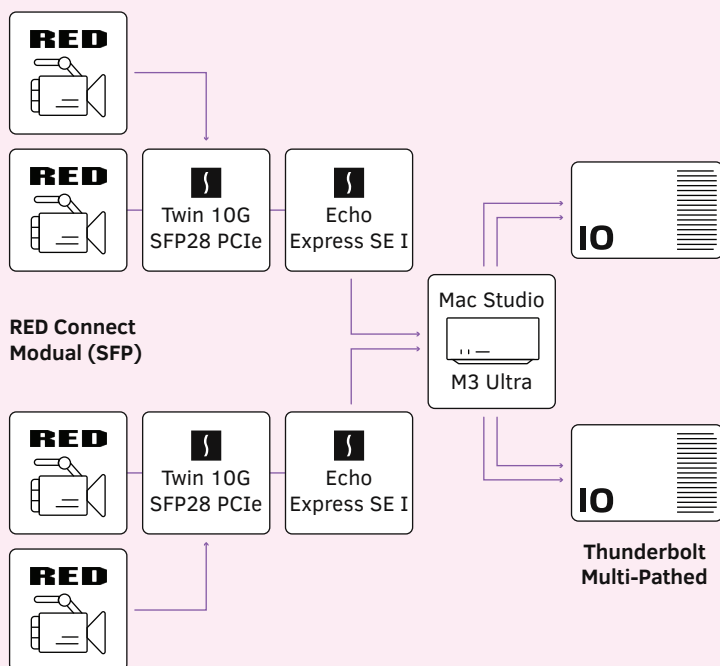
Encrypted & Portable

Built-in AES 256-bit encryption plus RAID-6 protection. Hand off a single device to post—no IT overhead.



Fast Turnaround & Collaboration

Access RAW footage immediately. Edit, review, or offload to centralized storage at up to 5.4GB/s read speeds.



Key Ingredients

- 1-4x RED Cameras*
- 1x SonnetTech Twin 10G SFP28 PCIe (1 for every 2 cameras)
- 1x SonnetTech Echo Express SE I (1 for every SonnetTech Twin 10G)
- 1x Mac Studio M3 Ultra
- 2x Pro Datas
 - 1x Main
 - 1x Backup

*Compatible with Komodo-X via USB-C to 2.5Gb Adapter, V-Raptor & V-Raptor XL via RED Connect Module.

RedConnect (MQ) Maximum Stream Count

RED Resolution	24fps (RED R3D)	30fps (RED R3D)	60fps (RED R3D)
4K UHD (3840x2160)	32 (73 MB/s)	26 (91 MB/s)	13 (182 MB/s)
6K 16:9 (5760x3240)	14 (164 MB/s)	11 (205 MB/s)	5 (411 MB/s)
8K 16:9 (7680x4320)	8 (292 MB/s)	6 (365 MB/s)	3 (731 MB/s)

8K @ 24fps MQ x 4 Camera Shoot

Pro Data Capacity	Total Hours of Footage	Hours of Ingest Saved (vs card to drive ingest)
12TB	3	2
24TB	6	4
48TB	12	8

Real World Scenario

In a typical 4-camera shoot capturing 8K at 24fps (MQ) for 6 hours, you'd juggle 1TB cards every 80 minutes and spend 4+ hours ingesting 24TB. With RED Connect + iodyne Pro Data, there's no card swapping at all. Shoot for 6 hours, uninterrupted. Footage streams directly to a fast, encrypted volume, ready for editing. At wrap, offload at 5.4GB/s—and you're done.

Take the Next Step

Ready to simplify your R3D RAW tethered workflow? Visit red.com/red-connect and iodyne.com/prodata for setup guides, performance details, and more insight into modern, card-free, multi-cam production.

YOUR DRIVE from production to post

No more throwaway drives. No more wasted time.
Turn hours into minutes.
Get more sleep.™



Sustained Performance Brings Predictability

Peak speed is pointless if it only lasts 30 seconds. Pro Data delivers sustained read/write performance for the entire job. Ingest, offload, duplicate, transcode, or shuttle data predictably and fast.



Seamless Security Made Transparent & Easy

Always-on 256-bit AES encryption. No clunky workarounds, no performance penalties, and full compliance with studio security requirements.



Multi-user, Multi-OS, Multi-Purpose Flexibility

On-set ingest, in-field capture, editing bays, machine rooms, and beyond. Plug up to 4 systems simultaneously, run parallel tasks, and easily integrate with all your favorite creative tools.



More Pages, More Projects, More Time For What's Next

Saving just two hours a day over a 30-day shoot can slash \$60K in wasted time and get you on to the next project faster.

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3x faster with a third of the footprint; we shaved hours off of our offload and transfer times. Pro Data paid for itself in overtime savings alone.

Edson Williams, Lola VFX

Instant Ingest, No Bottlenecks:

Ingest multiple cards at once, with 2.4GB/s Write, 5.2GB/s Read sustained. Start post immediately.

ARRI® Blackmagicdesign

PHANTOM FUJIFILM

RED Canon SONY

Card Type	Max Read Speed	Time to ingest 1TB card*	Max # of Simultaneous Ingests
SDXC UHS II	300 MB/s	≈56 min	8
SxS Pro+ / XQD	440 MB/s	≈38 min	5
MiniMag	500 MB/s	≈34 min	8
CFast 2.0	525 MB/s	≈32 min	4
CFexpress	800 MB/s	≈10 min	3
Codex Compact Drive	1000 MB/s	≈17 min	2
AXS	1200 MB/s	≈14 min	2
CFexpress B	1785MB/s	≈10 min	1

**Actual transfer times will vary based on card readers and data management software used.*

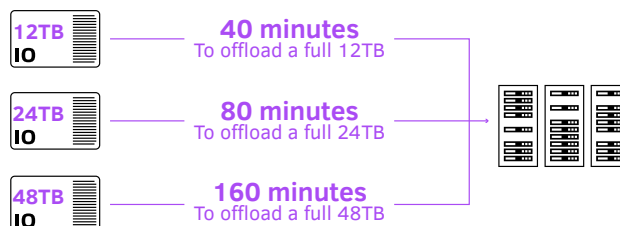
Blazing Playback & Editing:

Edit and play back HD, 4K, even 8K footage at sustained 5.4GB/s reads. Grade RAW footage—no proxies needed. No stutters.

Resolution	Maximum # of Simultaneous Playback Streams	
	24FPS	30FPS
ProRes 422 1080P	385	300
ProRes 422 4K	93	75
ProRes 4444 4K (UHD)	40	32
ProRes 422 8K	23	18
16-Bit Open EXR 8K	2	2
10-Bit TIFF Sequence 8K	2	1

Ultra Fast Offloads:

Move terabytes to your backup, cloud, or enterprise storage at up to 5.4GB/s—secure, seamless, and done in record time.



Works with: Adobe, DaVinci Resolve, Avid, Final Cut Pro, RED, ARRI, Softtron, and more.

Visit iodyne.com to learn more, request a demo, and see how Pro Data fits into your workflow.